Special Issue

Advances in Structure Analysis of Amorphous and Nanocrystalline Materials

Message from the Guest Editors

Amorphous and nanocrystalline materials have unique physical, chemical, and mechanical properties which allow their utilization in numerous and advanced applications. These materials feature in the mainstream of worldwide research in the field of metallic and composite materials. Thus, to better understand the mechanisms occurring in low-order materials, and thus to model and design novel materials more effectively, it is necessary to fully understand and describe the structure of these materials. The submitted works may therefore concern both innovative engineering materials with modification of their structure and physicochemical properties, as well as original technological solutions and mathematical models which will be helpful in formulating new conclusions. This Special Issue of *Materials* will be a detailed overview of recent research and development in the field of structure analysis of amorphous and nanocrystalline materials and composites. It is my pleasure to invite you to submit a manuscript for this Special Issue. Full papers, communications, and reviews related to structural analysis are all welcome.

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Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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